

DECLARATION AND POWER OF ATTORNEY

As the below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe that I am the original, first, and sole inventor of the subject matter which is claimed and for which a United States patent is sought on the invention or discovery entitled:

DIFFRACTION GRATING COUPLED INFRARED PHOTODETECTOR

the specification of which is attached hereto;

I have reviewed and understand the contents of the above-identified specification, including the claims; and

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim the benefit under Title 35, United States Code, § 119(e) of the United States provisional application listed below. I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the filing date of this application.

<u>NUMBER</u>	<u>COUNTRY</u>	<u>DATE FILED</u>	<u>PRIORITY CLAIMED</u> (Yes) (No)
_____	_____	_____	_____

I hereby appoint:

Nathanael G. Barnes, Reg. No. 46,286

Li Chen, Reg. No. 46,284

Kathi A. Cover, Reg. No. 37,803

Mark A. Dodd, Reg. No. 45,729

Karen Knezek, Reg. No. 39,253

Kelly J. Kubasta, Reg. No. 44,196

Kathy E. Needleman, Reg. No. P47,816

Dale B. Nixon, Reg. No. 28,454

Thomas N. Tarnay, Reg. No. 41,341

Douglas A. Sorenson, Reg. No. 31,570

Russell S. Wheatley, Reg. No. 45,209

James W. Williams, Reg. No. 20,047

all of the firm of SIDLEY & AUSTIN, and

Stephen S. Sadacca, Reg. No. 25,746

of Lockheed Martin Corporation,

my representatives with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities under the Patent Cooperation Treaty.

Send correspondence to:

SIDLEY & AUSTIN

717 North Harwood

Suite 3400

Dallas, Texas 75201-6507

Direct telephone calls to:

James W. Williams

Direct: (214) 981-3328

Main: (214) 981-3300

Attorney Docket No: 10919/25601

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of first joint inventor:

Lewis T. CLAIBORNE
First Middle Last
Inventor's signature: Lewis T. Claiborne
Date: 6 April, 2001
Residence: 920 Northlake
Richardson, Dallas County, Texas 75080
Citizenship: United States of America
Post Office Address: 920 Northlake
Richardson, Texas 75080

Full name of second joint inventor:

Pradip MITRA
First Middle Last
Inventor's signature: Pradip Mitra
Date: 6 April, 2001
Residence: 123 Browning Lane
Grand Prairie, Dallas County, Texas 75052
Citizenship: United States of America
Post Office Address: 123 Browning Lane
Grand Prairie, Texas 75052